

In Re Application of:
Ronald P. Schmidt

Serial No. 09/761,301

AMENDMENT TO THE SPECIFICATION

Please enter the follow amendments to the specification:

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Curing in place allows compliant pressure intensifiers 18 to force the flexible uncured woven pre-form 14 against adjacent sub-assemblies 12 thus conforming to severe contours and angles. Additionally, the compliant pressure intensifiers 18 can be inexpensively manufactured as exact fit is not required since the uncured pre-forms 14 can conform to the sub-assemblies 12. Each pressure intensifier 18 is a three-sided polygon in the cross-section shown in Figure 4, defining a triangular configuration. Each pressure intensifier 18 has a straight base side 19 that contacts base 13. A straight leg side 21 contacts the exterior surface of pre-form leg 15. An exterior side 23 joins the edges of base side 19 and leg side 21. A plane line 25 that is normal to exterior side 23 ~~21~~ equally bisects the corner formed by leg side 21 and base side 19. When positioned adjacent pre-form 14 prior to curing, the plane that is normal to exterior side 23 also equally bisects a corner formed by base 13 or base 19 and one of the legs 15. In the embodiment of Figure 4, base side 19 and leg side 21 are 90° relative to each other and of equal lengths. Exterior side 23 is preferably concave.

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AMENDMENT TO THE DRAWINGS

Please review the proposed amendments to the drawings. The proposed amendments to the drawings in response to this office action are based upon the drawings filed May 1, 2001, which amended the drawings as originally filed.

Figures 1A-1E had been amended in the formal drawings to add the words "prior art." Figure 1C of the May 1, 2001, drawings now further propose an amendment to reflect the Examiner's rejection. Figures 2 & 3 of the May 1, 2001 drawings propose an amendment to add the words "prior art." Figure 4 of the May 1, 2001 drawings propose amendments to add numbers 15, 17, 19, 21, and 23, and delete the tapered edges of pressure intensifier 18. Figure 6B & 9B of the May 1, 2001 drawings each propose an amendment to add the words "prior art." Figures 7A-D of the May 1, 2001 drawings propose an amendment to reflect the pre-form configuration shown in the original drawings. Figure 9A of the May 1, 2001 drawings propose an amendment to remove the adhesive on the bottom portion of the vertically shown pre-cured assembly. Figure 10 of the May 1, 2001 drawings propose an amendment in reference 40 to reflect the pre-form configuration shown in the original drawings.